

DERWENT-ACC-NO: 1989-104713
DERWENT-WEEK: 199046
COPYRIGHT 1999 DERWENT INFORMATION LTD

TITLE: Superconducting material - comprises amorphous oxide layer and perovskite oxide superconducting layer

PATENT-ASSIGNEE: FUJITOMO ELECTRIC IND CO[SUME]

PRIORITY-DATA: 1987JP-0208890 (August 22, 1987)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 2545451 B1	October 16, 1994	N/A
H01B 012 16		
JP 01051329 A	February 23, 1989	N/A
N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 2545451 B1	N/A	1987JP-0208890
August 22, 1987		
JP 2545451 B2	Previous Publ.	JP 1051329
N/A		
JPO1051329A	N/A	1987JP-0208890
August 22, 1987		

INT-CL (IPC): C14B015/45; C23C114/08 ; H01B012/06 ; H01B012 12

ABSTRACTED-PUB-NO: JPO1051329A

BASIC-ABSTRACT: Material comprises amorphous oxide layer formed on a metal substrate, and oxide superconducting layer having perovskite structure formed on the amorphous oxide layer, pref., interposing ceramic intermediate layer between the two oxide layers.

ADVANTAGE - The orientation (c-axis) pref. as an oxide superconducting layer, is obtd., as well as improved critical current density and critical temp.

CHOSEN-DRAWING: Dwg. 3/2

TITLE-TERMS:

SUPERCONDUCTING MATERIAL COMPRISE AMORPHOUS OXIDE LAYER
PEROVSKITE OXIDE
SUPERCONDUCTING LAYER

DERWENT-CLASS: L03 U11 U14 X12

CPI-CODES: L03-A010;

EPI-CODES: U11-C01J7; U14-F; X12-D06;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1989-046398

Non-CPI Secondary Accession Numbers: N1989-079772